Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.

SAMSUNG ELECTRONICS

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S8003

# user manual

SAMSUNG

# using this manual

This user manual has been specially designed to guide you through the functions and features of your mobile phone. To get started quickly, refer to “introducing your mobile phone,” “assembling and preparing your mobile phone,” and “using basic functions.”

## Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:

**Warning**—situations that could cause injury to yourself or others

**Caution**—situations that could cause damage to your phone or other equipment

**Note**—notes, usage tips, or additional information

▶ **Refer to**—pages with related information; for example: ▶ p. 12 (represents “see page 12”)

→ **Followed by**—the order of options or menus you must select to perform a step; for example: In Idle mode, select **Messages** → **Create message** (represents **Messages**, followed by **Create message**)

[ ] **Square brackets**—phone keys; for example: [ ] (represents the Power/Menu exit key)

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This DivX® Certified device must be registered with DivX in order to play DivX Video-on-Demand (VOD) content. First generate the DivX VOD registration code for your device and submit it during the registration process. [Important: DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to registered DivX Certified devices. If you try to play DivX VOD content not authorised for your device, the message "Authorization Error" will be displayed and your content will not play.] Learn more at http://vod.divx.com.

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# safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your mobile phone.

## Safety warnings

WARNING

### Keep your phone away from small children and pets

Keep your phone and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

### Protect your hearing

Listening to a headset at high volumes can damage your hearing. Use only the minimum volume setting necessary to hear your conversation or music.

## Install mobile phones and equipment with caution

Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

## Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries or phones in a fire. Follow all local regulations when disposing used batteries or phones.
- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

## Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

## Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

## Reduce the risk of repetitive motion injuries

While using your phone, hold the phone with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

# Safety precautions

CAUTION

## Drive safely at all times

Avoid using your phone while driving and obey all regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

## Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

## Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury.

## Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

## Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that disables the wireless functions when directed by airline personnel.

## Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F). Extreme temperatures can reduce the charging capacity and life of your batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

## Handle your phone carefully and sensibly

- Do not allow your phone to get wet—liquids can cause serious damage. Do not handle your phone with wet hands. Water damage to your phone can void your manufacturer's warranty.

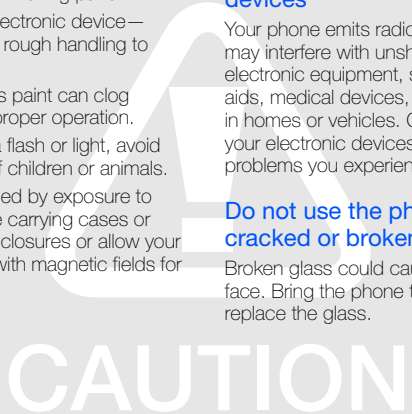
- Avoid using or storing your phone in dusty, dirty areas to prevent damage to moving parts.
- Your phone is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your phone, as paint can clog moving parts and prevent proper operation.
- If your phone has a camera flash or light, avoid using it close to the eyes of children or animals.
- Your phone may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come in contact with magnetic fields for extended periods of time.

## Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.

## Do not use the phone if the screen is cracked or broken

Broken glass could cause injury to your hand and face. Bring the phone to Samsung service centre to replace the glass.



# Important usage information

## Use your phone in the normal position

Avoid contact with your phone's internal antenna.

## Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

## Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

## Handle SIM cards and memory cards with care

- Do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card or phone.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

## Ensure access to emergency services

Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

## Specific Absorption Rate (SAR) certification information

Your phone conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile phones that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 watts per kilogram.

During testing, the maximum SAR recorded for this model was 0.522 watts per kilogram. In normal use, the actual SAR is likely to be much lower, as the phone has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your phone reduces your overall exposure to RF energy.

For more information about the SAR and related EU standards, visit the Samsung mobile phone website.

## Correct disposal of this product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

## Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life.
Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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# introducing your mobile phone

In this section, learn about your mobile phone's layout, keys, and icons.

## Unpack

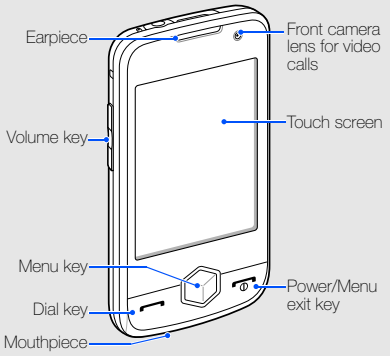
Check your product box for the following items:

- Mobile phone
- Battery
- Travel adapter (charger)
- User manual

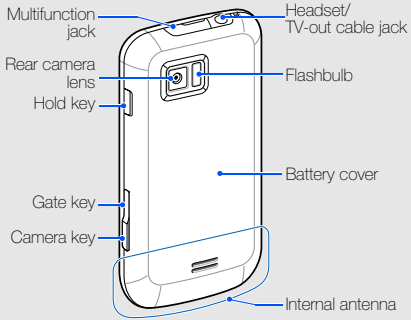
The items supplied with your phone may vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Samsung dealer.

## Phone layout

The front of your phone includes the following keys and features:




The rear of your phone includes the following keys and features:




You can lock the touch screen and keys to prevent any unwanted phone operations. To lock, press the Hold key.

## Keys

| Key | Function |
|---|---|
| Dial | Make or answer a call; In Idle mode, retrieve recently dialled, missed, or received numbers |
| Menu | Access Menu mode; Shows all active applications (press and hold) |
| Power/ Menu exit | Turn the phone on and off (press and hold); End a call; In Menu mode, return to the main menu or return to Idle mode |
| Volume | Adjust the phone's volume |
| Hold | Lock or unlock the touch screen and keys |
| Gate | Open the cube screen to access entertainment applications; Access the motion tutorial and motion-activated shortcuts (press and hold) |
| Camera | In Idle mode, turn on the camera; In Camera mode, take a photo or record a video |

# Icons

Learn about the icons that appear on your display.

| Icon | Definition |
|---|---|
| | Signal strength |
| | GPRS network connected |
| | EDGE network connected |
| | UMTS network connected |
| | HSDPA network connected |
| | Voice call in progress |
| | Video call in progress |
| | SOS message feature activated |
| | Browsing the web |

| Icon | Definition |
|---|---|
| | Connected to secured web page |
| | Roaming (outside of normal service area) |
| | Call diverting activated |
| | Synchronised with PC |
|  | Bluetooth hands-free car kit or headset connected |
| | Bluetooth activated |
| | Alarm activated |
| | Memory card inserted |
| | New text message (SMS) |
| | New multimedia message (MMS) |

| Icon | Definition |
| --- | --- |
| | New email message |
| | New voice mail message |
| | Normal profile activated |
| | Silent profile activated |
| | Battery power level |
| 10:00 | Current time |

# assembling and preparing your mobile phone

Get started by assembling and setting up your mobile phone for its first use.

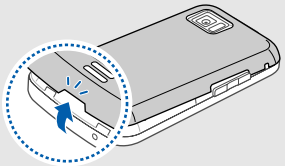
## Install the SIM or USIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module, or SIM card, with subscription details, such as your personal identification number (PIN) and optional services.

To use UMTS or HSDPA services, you can purchase a Universal Subscriber Identity Module (USIM) card.

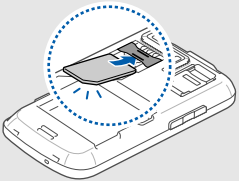
To install the SIM or USIM card and battery,

1. Remove the battery cover.



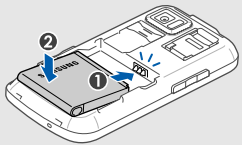
If the phone is on, press and hold [ ] to turn it off.

2. Insert the SIM or USIM card.

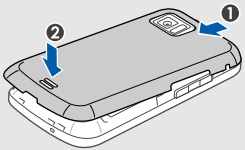


- Place the SIM or USIM card in the phone with the gold-coloured contacts facing down.
- Without inserting a SIM or USIM card, you can use your phone's non-network services and some menus.

3. Insert the battery.



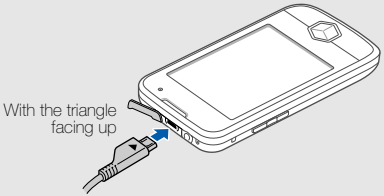
4. Replace the battery cover.



## Charge the battery

Before using the phone for the first time, you must charge the battery.

1. Open the cover to the multifunction jack on the top of the phone.
2. Plug the small end of the travel adapter into the multifunction jack.



CAUTION

Improperly connecting the travel adapter can cause serious damage to the phone. Any damages by misuse are not covered by the warranty.

3. Plug the large end of the travel adapter into a power outlet.
4. When the battery is fully charged (the icon is no longer moving), unplug the travel adapter from the power outlet.
5. Unplug the travel adapter from the phone.
6. Close the cover to the multifunction jack.

### About the low battery indicator

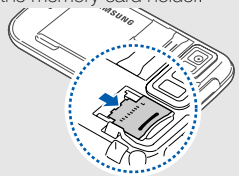
When your battery is low, the phone will emit a warning tone and a low battery message. The battery icon will also be empty and blinking. If the battery level becomes too low, the phone will automatically power off. Recharge your battery to continue using your phone.

## Insert a memory card (optional)

To store additional multimedia files, you must insert a memory card. Your phone accepts microSD™ or microSDHC™ memory cards up to 16 GB (depending on memory card manufacturer and type).

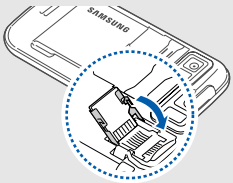
Formatting the memory card on a PC may cause incompatibility with your phone. Format the memory card only on the phone.

1. Remove the battery cover.
2. Unlock the memory card holder.

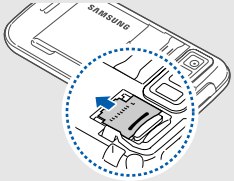


3. Lift the memory card holder and insert a memory card as shown.

4. Close the memory card holder.




5. Lock the memory card holder.

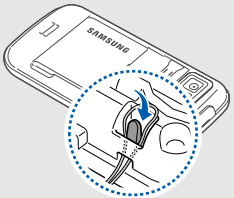



6. Replace the battery cover.

To remove the memory card, remove the battery cover, unlock and lift the memory card holder, and remove the memory card.

## Attach a hand strap (optional)

1. Remove the battery cover.
2. Slide a hand strap through the slot and hook it over the small projection.



# using basic functions

Learn how to perform basic operations and use the main features of your mobile phone.

## Turn your phone on and off

To turn your phone on,

1. Press and hold [⏻].
2. Enter your PIN and select **Confirm** (if necessary).

To turn your phone off, repeat step 1 above.

### Switch to the offline profile

By switching to the offline profile, you can use your phone's non-network services in areas where wireless devices are prohibited, such as aeroplanes and hospitals.

To switch to the offline profile, in Menu mode, select **Settings** → **Phone profiles** → **Offline**.

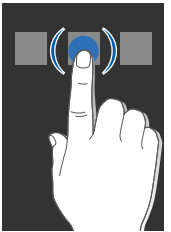
Follow all posted warnings and directions from official personnel when in areas where wireless devices are prohibited.

## Use the touch screen

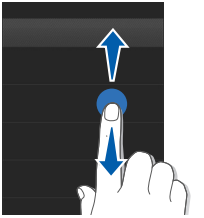
Your phone's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

For the optimal use of the touch screen, remove the screen protection film before using your phone.

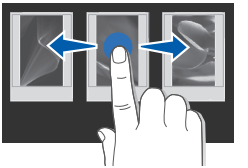
- Touch an icon to open a menu or launch an application.



- Drag your finger up or down to scroll through vertical lists.



- Drag your finger left or right to scroll through horizontal lists.



## Access menus

To access your phone's menus,

1. In Idle mode, select **Menu** or press the Menu key to access Menu mode.
2. Scroll left or right to a Menu mode screen.
3. Select a menu or option.
4. Select ↩ to move up one level; Press [☎] to return to Idle mode.

### Use the motion sensor

Your phone features a built-in motion sensor that switches the display from portrait to landscape mode.

The following applications support landscape mode: Camera, Video player, Music player, and Photo browser.

## Switch applications

Your phone allows you to multi-task by running multiple applications at the same time.

### Switch from one active application to another

1. Press and hold the Menu key to open a list of applications.
2. Scroll to an application and select it.
   To change the view mode, select **Grid view**.

### Close applications

To close the current application, press [☎].

To close an application that is running in the background,

1. Press and hold the Menu key to open a list of applications.
2. Scroll to an application and select ✕.

## Access an application using the Gate key

To access entertainment applications,

1. Press the Gate key.
2. Select an application by rotating the cube to the appropriate side or selecting an icon at the bottom line of the screen.
   You can launch the video player, FM radio, or music player. You can also launch the web browser, select a game, or access the list of photos and videos.

## Access an application by snapping the phone

Learn to use a motion-activated shortcut for your favourite applications.

1. In Idle mode, press and hold the Gate key.
2. Select **Guide** and follow the motion tutorial. You can learn the following actions.
   - Shake the phone quickly more than 3 times to end an application.

- Tap the top of the phone twice within 1 second to pause or resume playback, or capture a photo.

- Snap the phone left or right and then quickly back to the initial position to launch an application.

- Quickly tilt the phone left or right and then quickly back to the initial position to launch an application.

- To deactivate the motion tutorial the next time you press and hold the Gate key, select **Deactivate**.
- To access the motion tutorial, in Menu mode, select **Games and more** → **Motion tutorial**.

3. When the entertainment applications screen appears, snap the phone in the direction of the appropriate shortcut (left or right).

4. Shake the phone more than 3 times to close the current application.

**Tips for using the motion-related actions:**

- Perform the actions within 1 second.
- Wait at least 1 second before performing the actions.
- Learn the actions by following the motion tutorial.

- The motion-related actions are for both right and left hand users.
- When you are using multiple applications at the same time, you cannot use the motion-related actions.

To change an entertainment application assigned to a motion direction,

1. In Menu mode, select **Settings** → **Motion settings** → **Motion gate**.
2. Select an application to be changed.
3. Select a menu to assign to the direction and select **Save**.
4. Select **Save**.

## Use widgets

Learn to use widgets on the widget toolbar.

- Some of your widgets connect to web services. Selecting a web-based widget may incur additional charges.
- Available widgets may vary depending on your region or service provider.

### Open the widget toolbar

In Idle mode, select the arrow at the bottom left of the screen to open the widget toolbar. You can rearrange widgets on the widget toolbar or move them to the idle screen.

## Move the widgets to the idle screen

1. Open the widget toolbar.
2. Drag a widget from the widget toolbar to the idle screen. You can position the widget anywhere on the screen.

## Change the widgets

1. In Menu mode, select **Settings** → **Display and light** → **Widget**.
2. Select the widgets you want to include to the widget toolbar and select **Save**.

## Use widget packages

Group your favourite widgets together as a widget package.

To create a widget package,

1. In Idle mode, scroll left or right to one of the idle screens.
2. Drag a widget from the widget toolbar to the idle screen.

To open the package, scroll left or right to the corresponding screen.

# Access help information

Learn to access helpful information about your phone.

1. Open the widget toolbar.
2. Drag [?] to the idle screen and select it.
3. Rotate the phone anti-clockwise to landscape view.
4. Select a help topic to learn about an application or feature.
5. Drag your finger to the right or left to get more information. To return to the previous level, select .

# Customise your phone

Get more from your phone by customising it to match your preferences.

## Adjust the volume of the key tones

In Idle mode, press the Volume key up or down and adjust the key tone volume.

## Adjust the vibration intensity on the touch screen

You can adjust the intensity of the vibration when you touch the phone screen.

1. In Idle mode, press the Volume key up or down.
2. Select **Vibration** and adjust the intensity of the vibration.

## Switch to or from the silent profile

In Idle mode, select **Keypad** and touch and hold # to silence or unsilence your phone.

## Calibrate the screen

You can calibrate the screen so that your phone recognises the input better.

1. In Menu mode, select **Settings** → **Phone settings** → **Calibration**.
2. Touch the target on the screen.
3. Select **OK**.

## Change your ringtone

1. In Menu mode, select **Settings** → **Phone profiles**.
2. Select » next to the profile you are using.

3. Select **Voice call ringtone** or **Video call ringtone**.
4. Select a ringtone from the list and select **Save**.
5. Select **Save**.

To switch to another profile, select it from the list.

## Activate Etiquette pause

You can temporarily mute all phone sounds by placing the phone face down when **Etiquette pause** is activated.

1. In Menu mode, select **Settings** → **Motion settings** → **Etiquette pause** → **On**.
2. Select **Save**.

## Select a wallpaper (Idle mode)

1. Scroll left or right to one of the idle screens.
2. In Menu mode, select **Settings** → **Display and light** → **Wallpaper**.
3. Scroll left or right to an image.
4. Select **Set**.

You can also set a wallpaper while viewing a photo. If you set the photo as the wallpaper, only the currently selected idle screen will be changed.

## Lock your phone

1. In Menu mode, select **Settings** → **Security**.
2. Select **On** under **Phone lock**.
3. Enter a new 4- to 8-digit password and select **Confirm**.
4. Enter the new password again and select **Confirm**.

- The first time you access a menu that requires a password, you will be prompted to create and confirm a password.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

### Unlock the touch screen with smart unlock

By drawing a specified character on the locked touch screen, you can unlock the screen only, unlock and then make a call to a speed dial number, or unlock and then launch an application. To set a smart unlock character,

1. In Menu mode, select **Settings** → **Smart unlock**.
2. Select **On** under **Gesture unlock**.
3. Select an unlock option.
4. Select a speed dial number to dial or select an application to launch (if necessary).
5. Select a character for the smart unlock feature.
6. Select .
7. Select **Save**.

## Use basic call functions

Learn to make or answer calls and use basic call functions.

During a call, your phone automatically locks the touch screen to prevent accidental inputs. To unlock, press the Hold key.

### Make a call

1. In Idle mode, select **Keypad** and enter an area code and a phone number.
2. Select  → **Voice call** or press [ ] to dial the number.

For a video call, select → **Video call**.

3. To end the call, press [ ].

## Answer a call

1. When a call comes in, press [ ].
2. For a video call, press [ ] and select **Show me** to allow the caller to see you via the front camera lens.
3. To end the call, press [ ].

## Adjust the volume

To adjust the volume during a call, press the Volume key up or down.

## Use the speakerphone feature

1. During a call, select **Speaker** → **Yes** to activate the speaker.
2. To switch back to the earpiece, select **Speaker**.

You can set the phone to activate the speaker automatically.

1. In Menu mode, select **Settings** → **Motion settings** → **Speaker call** → **On**.
2. Select **Save**.
3. During a call, place your phone on a table or a flat surface.

In noisy environments, you may have difficulty hearing the calls while using the speakerphone feature. For better audio performance, use the normal phone mode.

## Use the headset

By plugging the supplied headset into the multifunction jack, you can make and answer calls:

- To redial the last call, press the headset button, and then press again and hold.
- To answer a call, press the headset button.
- To end a call, press the headset button.

# Send and view messages

Learn to send and view text (SMS), multimedia (MMS), and email messages.

## Send a text or multimedia message

1. In Idle mode, select **Messages** → **Create message** → **Message**.
2. Select **Tap to add recipient** → **Enter manually**.
3. Enter a destination number and select **Done**.
4. Select the text input field.
5. Enter your message text and select **Done**.
   ▶ Enter text
   For sending as a text message, skip to step 7.
   For attaching multimedia, continue with step 6.
6. Select **Add media** and add an item.
7. Select **Send** to send the message.

## Send an email

1. In Idle mode, select **Messages** → **Create message** → **Email**.
2. Select **Tap to add recipient** → **Enter manually**.
3. Enter an email address and select **Done**.
4. Select **Tap to add subject**, enter a subject, and select **Done**.
5. Select **Tap to add text**, enter your email text, and select **Done**.
6. Select **Add files** and attach a file (if necessary).
7. Select **Send** to send the message.

## Enter text

With your phone's touch screen, you can enter text and create messages or notes.

### Change the text input method

When you open the text input field, the virtual keypad appears. Select the **Keypad** drop-down menu and select one of the following input methods for entering text:

- Keypad
- Writing full sc.
- Writing box 1
- Writing box 2

You can use a wide keyboard when you rotate the phone anti-clockwise to landscape view when entering text.

### Enter text using the keypad

1. Change the text input method to **Keypad**.
2. Select the appropriate virtual key to enter text.
   - To change case or use numbers or symbols, select **Abc** or **T9Ab**.
   - To enter text in T9 mode, select **T9**.

You can use the following text input modes:

| Mode | Function |
|---|---|
| ABC | Select the appropriate virtual key until the character you want appears on the display. |
| T9 | 1. Select the appropriate virtual key to enter an entire word.<br>2. When the word displays correctly, select ␣ to insert a space. If the correct word does not display, select an alternate word from the list that appears. |

| Mode | Function |
| --- | --- |
| Number | Select the appropriate virtual key to enter a number. |
| Symbol | Select the appropriate virtual key to enter a symbol. |

### Enter text using the writing full screen

1. Change the text input method to **Writing full sc.**
2. Write each character anywhere on the screen.
   To change case or use numbers or symbols, select **abc**.

### Enter text using the writing box 1

1. Change the text input method to **Writing box 1**.
2. Write each character in the writing area at the bottom of the screen.
   Write numbers and symbols in the **?1** column at the bottom right of the writing area.

### Enter text using the writing box 2

1. Change the text input method to **Writing box 2**.
2. Write each character in the writing area at the bottom of the screen.
   To change case or use numbers or symbols, select **Abc**.

## View text or multimedia messages

1. In Idle mode, select **Messages** → **Inbox**.
2. Select a text or multimedia message.

## View an email

1. In Idle mode, select **Messages** → **Email inbox**.
2. Select an account.
3. Select **Download**.
4. Select an email or a header.
5. If you selected a header, select **Retrieve** to view the body of the email.

# Add and find contacts

Learn the basics of using the phonebook feature.

## Add a new contact

1. In Idle mode, select **Keypad** and enter a phone number.
2. Select → **Add to Phonebook** → **New**.
3. Select **Phone** or **SIM**.
4. Enter contact information.
5. Select **Save** to add the contact to memory.

## Find a contact

1. In Idle mode, select **Phonebook**.
2. Select the search field, enter the letter of the name you want to find, and select **Done**.
   You can also drag to select the first letter of the name.
3. Select the contact's name from the search list.

Once you have found a contact, you can:

- call the contact by selecting
- edit the contact information by selecting **Edit**

# Use basic camera functions

Learn the basics to capture and view photos and videos.

## Capture photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Aim the lens at the subject and make any adjustments.
   - To turn the flash on or off, select .
   - To set the exposure value, select .
4. Press the Camera key to take a photo.
   The photo is saved automatically.

After capturing photos, select ▶ to view photos.

## View photos

In Menu mode, select **My files** → **Images** → **My photos** → a photo file.

- Rotate the phone anti-clockwise to landscape view. Tilt the phone to the left or right, photos will scroll left or right automatically.
- Touch and hold the screen and drag to zoom in. Double-touch the screen to exit the zoom screen.

To categorise and view photos in a wide view,

1. In Menu mode, select **Photo browser**.
2. Rotate the phone anti-clockwise to landscape view.
3. Select → a category to categories the photos.
4. Scroll left or right to view photos.
   Tilt the phone to the left or right, photos will scroll left or right automatically.

## Capture videos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select to switch to Recording mode.
4. Aim the lens at the subject and make any adjustments.
   - To change the recording mode, select .
   - To turn the flash on or off, select .
   - To set the exposure value, select .
5. Press the Camera key to start recording.
6. Select or press the Camera key to stop recording.
   The video is saved automatically.

After capturing videos, select to view videos.

## View videos

Use one of the following methods to view videos.

- In Menu mode, select **My files** → **Videos** → **My video clips** → a video file.
- In Menu mode, select **Video player** → a video file.

Rotate the phone anti-clockwise to landscape view.

# Listen to music

Learn how to listen to music via the music player or FM radio.

## Listen to the FM radio

1. Plug the supplied headset into the phone.
2. In Menu mode, select **FM radio**.
3. Select **Yes** to start automatic tuning.
   The radio scans and saves available stations automatically.

The first time you access the FM radio, you will be prompted to start automatic tuning.

4. Control the FM radio using the following icons:

| Icon | Function |
| --- | --- |
| | Set your phone to re-tune frequencies for stations |
| | Change the sound output |
| | Tune a radio station; Select a saved radio station (touch and hold) |
| | Start the FM radio |
| | Turn off the FM radio |

If you want to get information about the song you hear, select **More** → **Find music**. ▶ p. 58

## Listen to music files

Start by transferring files to your phone or memory card:

- Download from the wireless web. ▶ p. 41
- Download from a PC with the optional Samsung PC Studio. ▶ p. 54
- Receive via Bluetooth. ▶ p. 60
- Copy to your memory card. ▶ p. 55
- Synchronise with Windows Media Player 11. ▶ p. 55

After transferring music files to your phone or memory card,

1. In Menu mode, select **Music player**.
2. Select a music category → a music file.

3. Control playback using the following icons:

| Icon | Function |
|---|---|
| | Pause playback |
| | Play or resume playback |
| | Skip backward; Scan backward in a file (touch and hold) |
| | Skip forward; Scan forward in a file (touch and hold) |
| | Activate the 5.1 channel surround sound system |
|  | Change the sound effect |
| | Change the repeat mode |
| | Activate Shuffle mode |

## Browse the web

Learn to access and bookmark your favourite web pages.

- You may incur additional charges for accessing the web and downloading media.
- The internet menu may be labelled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.

### Browse web pages

1. In Menu mode, select **Internet** → **Home** to launch your service provider's homepage.

2. Navigate web pages using the following icons:

| Icon | Function |
|---|---|
| | Move backward or forward on a web page |
| | Refresh the current web page |
| | Open a list of activated web pages |
| | Change the view mode |
| | Open a list of saved bookmarks |
| | Adjust the brightness of the screen |
| | Access a list of browser options |

## Bookmark your favourite web pages

1. In Menu mode, select **Internet** → **Bookmarks**.
2. Select **Add**.
3. Enter a page title and a web address (URL).
4. Select **Save**.

## Use the Google services

Learn how to use various Google services.

- This feature may be unavailable depending on your region or service provider.
- The steps you must select to use this feature may differ depending on your region or service provider.

### Connect to Search

1. In Menu mode, select **Google** → **Search**.
2. Enter a keyword in the search field.

### Connect to Mail

1. In Menu mode, select **Google** → **Mail**.
2. Set up your Google account and sign in.
3. Send or receive emails.

## Connect to Maps

The map service may be unavailable depending on your region.

To search the map,

1. In Menu mode, select **Google** → **Maps**.
2. Scroll through the map.
3. Zoom in or out on the location you want.

To search for a specific location,

1. In Menu mode, select **Google** → **Maps**.
2. Select **Menu** → **Search Map** and enter the address or the category of the business.

To get directions to a specific destination,

1. In Menu mode, select **Google** → **Maps**.
2. Select **Menu** → **Get Directions**.
3. Enter the addresses of the starting location and the ending location.
4. Select **Show directions** to view on the map.

To enhance the map functionality, download GPS data files. ▶ p. 75

# using advanced functions

Learn how to perform advanced operations and use additional features of your mobile phone.

## Use advanced call functions

Learn about your phone's additional calling capabilities.

### View and dial missed calls

Your phone will display calls you have missed on the display.

When you have one missed call, select the call from the event alert widget and select **Voice call** to dial.

When you have two missed calls or more, select the call from the event alert widget and select **Logs** → a missed call.

### Call a recently dialled number

1. In Idle mode, press [⌐¬] to display a list of recent numbers.
2. Select the number you want and select or press [⌐¬] to dial.

## Hold a call or retrieve a held call

Select **Hold** to place a call on hold or select **Retrieve** to retrieve a held call.

## Dial a second call

If your network supports this function, you can dial another number during a call:

1. Select **Hold** to place the first call on hold.
2. Enter the second number to dial and select **New call** or press [ ].
3. Select **Swap** to switch between the two calls.
4. To end the call on hold, select **On hold** → .
5. To end the current call, press [ ].

## Answer a second call

If your network supports this function, you can answer a second incoming call:

1. Press [ ] to answer the second call.
   The first call is automatically placed on hold.
2. Select **Swap** to switch between the calls.

## Make a multiparty call (conference call)

1. Call the first party you want to add to the multiparty call.
2. While connected to the first party, call the second party.
   The first party is automatically placed on hold.
3. When connected to the second party, select **Join**.
4. Repeat steps 2 and 3 to add more parties (if necessary).
5. To end the multiparty call, press [ ].

## Call an international number

1. In Idle mode, select **Keypad** and touch and hold **0** to insert the **+** character.
2. Enter the complete number you want to dial (country code, area code, and phone number), and then select → **Voice call** or press [ ] to dial.

## Call a contact from the phonebook

You can call numbers directly from the phonebook using stored contacts. ▶ p. 37

1. In Idle mode, select **Phonebook**.
2. Select the contact you want.
3. Select next to the number you want to dial → .

## Reject a call

To reject an incoming call, press [ ]. The caller will hear a busy tone.

To reject calls from certain numbers automatically, use the auto rejection. To activate the auto rejection and set up the reject list,

1. In Menu mode, select **Settings** → **Application settings** → **Call** → **All calls** → **Auto reject**.
2. Select **On** under **Activation**.
3. Select **Add number**.
4. Select the number input field.
5. Enter a number to reject and select **Done**.
6. Select the check box next to the number.
7. Select **Save**.

# Use advanced phonebook functions

Learn to create namecards, set favourite numbers, and create groups of contacts.

## Create a namecard

1. In Idle mode, select **Phonebook** → **More** → **My namecard**.
2. Enter your personal details.
3. Select **Save**.

You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

## Set favourite numbers

1. In Idle mode, select **Phonebook**.
2. Select the **Contacts** drop-down menu and select **Favourites**.
3. Select **Add**.
4. Select a contact.

   The contact is saved to the favourite number.

The first 5 favourite numbers will be assigned to the favourite contacts ( ) on the widget toolbar.

## Create a group of contacts

By creating groups of contacts, you can assign group names, ringtones, caller ID photos, and vibration type to each group or send messages and emails to an entire group. Start by creating a group:

1. In Idle mode, select **Phonebook**.
2. Select the **Contacts** drop-down menu and select **Groups**.
3. Select **Create group**.
4. Set a group name, the caller ID photo, a group ringtone, and vibration type.
5. Select **Save**.

## Link your photos to contacts

Learn to tag faces in your photos to make calls or send messages from photos.

To link your photos to contacts,

1. In Menu mode, select **Photo contacts**.
2. Select **Add** → a photo.
3. Select **Edit** to add a tag to a person's face.
4. Select **Add tag**, move or resize the rectangle on a face, and select **Done** (if necessary).
5. Select the face tag → **Link to Phonebook** → a contact.
   The selected contact is linked to the photo.
6. Select ⮌ to add more photo contacts (step 2).

## Make calls or send messages from photos

1. In Menu mode, select **Photo contacts**.
2. Scroll up or down to a photo.
   The face tag appears with the name.
3. Select the face tag → **Voice call**, **Video call**, or **Message**.

# Use advanced messaging functions

Learn to create and use templates to create new messages, and create message folders.

## Create a text template

1. In Idle mode, select **Messages** → **Templates** → **Text templates**.
2. Select **Create** to open a new template window and enter your text.
3. Select **Save**.

## Create a multimedia template

1. In Idle mode, select **Messages** → **Templates** → **Multimedia templates**.
2. Select **Create** to open a new template window.
3. Create a multimedia message, with a subject and desired attachments, to use as your template. ▶ p. 34
4. Select **Save**.

## Insert text templates in new messages

1. To start a new message, in Idle mode, select **Messages** → **Create message** → a message type.
2. Select **More** → **Insert** → **Text template** → a template.

## Create a message from a multimedia template

1. In Idle mode, select **Messages** → **Templates** → **Multimedia templates**.
2. Select the template you want.
3. Select **Send**.
   Your template opens as a new multimedia message.

## Create a folder to manage messages

1. In Idle mode, select **Messages** → **My folders**.
2. Select **Create folder**.
3. Enter a new folder name and select **Done**.

Move messages from the Inbox to your folders to manage them as your preferences.

# Use advanced camera functions

Learn how to capture photos in various modes and customise camera settings.

## Capture photos by using options preset for various scenes

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select SCN → a scene → **OK**.
4. Make any necessary adjustments.
5. Press the Camera key to take a photo.

## Capture a series of photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select S → **Continuous**.
4. Make any necessary adjustments.
5. Press and hold the Camera key to take a series of photos.

## Capture panoramic photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select S → **Panorama**.
4. Select a direction.
5. Make any necessary adjustments.
6. Press the Camera key to take the first photo.

7. Slowly move the phone to the direction you selected. The phone captures the next photo automatically.
8. Repeat step 7 to complete the panoramic photo.
9. Select [OK] to save the panoramic photo.

## Capture photos in Smile shot mode

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select [S] → **Smile shot**.
4. Press the Camera key.
5. Aim the camera lens at your subject.
   Your phone recognises people in an image and detects their smiles. When the subject smiles, the phone automatically takes a photo.

## Capture divided photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select [S] → **Mosaic**.
4. Select an image layout and press the Camera key.
5. Make any necessary adjustments.
6. Press the Camera key to take photos for each segment.

## Capture photos with decorative frames

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.

3. Select → **Frame**.
4. Select a frame and press the Camera key.
5. Make any necessary adjustments.
6. Press the Camera key to take a photo with the frame.

## Capture videos in slow motion

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select to switch to Recording mode.
4. Select → **Slow motion**.
5. Press the Camera key to start recording.
6. Select or press the Camera key to stop recording.

## Use camera options

Before capturing a photo, select to access the following options:

| Option | Function |
|---|---|
| Timer | Select the time delay |
| Resolution | Change the resolution option |
| White balance | Adjust the colour balance of the photo |
| Effects | Apply a special effect |
| ISO | Adjust the sensitivity of camera imaging sensor |
| Exposuremeter | Select a type of exposure metring |
| Focus mode | Change the camera focus |
| Anti-Shake | Reduce blur caused by vibration or movement |

| Option | Function |
|---|---|
| WDR | Adjust the camera's sensitivity to a wide range of available light |
| Blink detection | Set the camera to capture a photo again automatically when people close eyes |
| Image quality | Set the quality of your digital photos |
| Adjust | Adjust contrast, saturation, and sharpness |

Before capturing a video, select ⚙ to access the following options:

| Option | Function |
|---|---|
| Timer | Select the time delay |
| Resolution | Change the resolution option |
| White balance | Adjust the colour balance of the video clip |
| Effects | Apply a special effect |
| WDR | Adjust the camera's sensitivity to a wide range of available light |
| Video quality | Adjust the quality of your video clips |
| Adjust | Adjust contrast, saturation, and sharpness |

## Customise camera settings

Before capturing a photo, select ⚙ → ⚙ to access the following settings:

| Setting | Function |
|---|---|
| Guidelines | Display the guidelines |
| Review | Set the camera to switch to the preview screen after capturing photos |
| GPS connection | Set the camera to record GPS information to photos |

| Setting | Function |
| --- | --- |
| Shutter sound | Select a sound to accompany the shutter action |
| Storage | Select a memory location to store new photos |

Before capturing a video, select ⚙ → ⚙ to access the following settings:

| Setting | Function |
| --- | --- |
| Guidelines | Display the guidelines |
| Audio recording | Turn the audio on or off |
| Storage | Select a memory location to store new video clips |

## Use advanced music functions

Learn to prepare music files, create playlists, and store radio stations.

### Copy music files via Samsung PC Studio

1. In Menu mode, select **Settings** → **Phone settings** → **PC connections** → **Samsung PC studio** or **Mass storage** → **Save**.
2. Press [ ] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
4. Run Samsung PC Studio and copy files from the PC to the phone.
   Refer to the Samsung PC Studio help for more information.

## Copy music files to a memory card

1. Insert a memory card.
2. In Menu mode, select **Settings** → **Phone settings** → **PC connections** → **Mass storage** → **Save**.
3. Press [ ] to return to Idle mode.
4. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
   When connected, a pop-up window will appear on the PC.
5. Open the folder to view files.
6. Copy files from the PC to the memory card.

## Synchronise your phone with Windows Media Player

1. Insert a memory card.
2. In Menu mode, select **Settings** → **Phone settings** → **PC connections** → **Media player** → **Save**.
3. Press [ ] to return to Idle mode.
4. Using an optional PC data cable, connect the multifunction jack on your phone to a PC with Windows Media Player installed.
   When connected, a pop-up window will appear on the PC.
5. Open Windows Media Player to synchronise music files.
6. Edit or enter your phone's name in the pop-up window (if necessary).

7. Select and drag the music files you want to the sync list.
8. Start synchronisation.

## Create a playlist

1. In Menu mode, select **Music player** → **Playlists**.
2. Select **Create**.
3. Enter a title for your new playlist.
4. To assign an image to the playlist, select **Tap to edit** and select an image or capture a new photo.
5. Select **Save**.
6. Select the new playlist.
7. Select **Add** → **Tracks**.
8. Select the files you want to include and select **Add**.

## Access the album list

1. During playback, rotate the phone anti-clockwise to landscape view.
2. Scroll to an album and select it.
3. Select a music file to play it.
   Select  or  to pause or resume the current playback.

## Customise your music player settings

1. In Menu mode, select **Music player**.
2. Select **Settings**.
3. Adjust the settings to customise your music player.

| Option | Function |
|---|---|
| Background playing | Set whether to play music in the background when you end the music player |

| Option | Function |
| --- | --- |
| Sound effects | Select the default equaliser type |
| Visualisation | Select a background image during playback |
| Music menu | Select music categories to display in the music library screen |

4. Select **Save**.

## Record songs from the FM radio

1. Plug the supplied headset into the phone.
2. In Menu mode, select **FM radio**.
3. Select ▶ to start the FM radio.
4. Select **More** → **Record** to start recording.
5. When you are finished recording, select **Stop**. The music file will be saved in **Radio clips** (in Menu mode, select **My files** → **Sounds**).

The recording feature is developed for voice recording only. The quality of the recording will be much lower than digital media.

## Store radio stations automatically

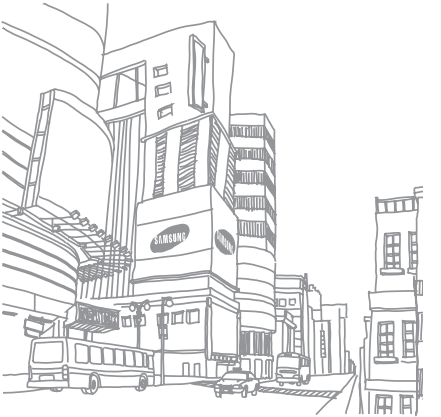
1. Plug the supplied headset into the phone.
2. In Menu mode, select **FM radio**.
3. Select **More** → **Self-tuning**.
4. Select **Yes** to confirm (if necessary). The radio scans and saves available stations automatically.

## Find information of music

Learn to access an online music service and get information about the songs you hear while on the move.

1. In Menu mode, select **Find music**.
2. Select **Find music** to connect to the server.
3. When your phone is successfully registered, select ● to record a part of music you want to find.

Some service providers may not support this service and the database may not have information for all songs.



# using tools and applications

Learn how to work with your mobile phone's tools and additional applications.

## Use the Bluetooth wireless feature

Learn about your phone's ability to connect to other wireless devices for exchanging data and using hands-free features.

### Turn on the Bluetooth wireless feature

1. In Menu mode, select **Bluetooth**.
2. Select the circle in the centre to turn on the Bluetooth wireless feature.
3. To allow other devices to locate your phone, select **Settings** → **On** under **My phone's visibility** → a visibility option → **Save** → **Save**.
   If you selected **Custom**, set duration that your phone is visible.

## Find and pair with other Bluetooth-enabled devices

1. In Menu mode, select **Bluetooth** → **Search**.
2. Select and drag a device icon into the centre.
3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **Done**.
   When the owner of the other device enters the same PIN or accepts the connection, pairing is complete.

You may not need to enter a PIN depending on the device.

## Send data using the Bluetooth wireless feature

1. Select the file or item from one of your phone's applications that you want to send.
2. Select **Send via** or **Send URL via** → **Bluetooth**.

## Receive data using the Bluetooth wireless feature

1. Enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).
2. Select **Yes** to confirm that you are willing to receive data from the device (if necessary).

## Use Remote SIM mode

In Remote SIM mode, you can make or answer calls only with a connected Bluetooth hands-free car kit via the SIM or USIM card on your phone.

To activate Remote SIM mode,

1. In Menu mode, select **Bluetooth** → **Settings**.
2. Select **On** under **Remote SIM mode** → **Save**.

To use Remote SIM mode, start the Bluetooth connection from a Bluetooth hands-free car kit.

The Bluetooth hands-free car kit must be authorised. To authorise, select the device and select **Authorise device**.

# Activate and connect to a wireless LAN (WLAN)

Learn to activate and connect to a wireless LAN.

Your device uses a non-harmonised frequency and is intended for use in the following countries: United Kingdom, Greece, Latvia, Lithuania, Estonia, Sweden, Denmark, Finland, Norway, Portugal, Poland, Italy, Bulgaria, Germany, Austria, France, Switzerland, Kazakhstan, Russia, Ukraina.

## Activate a WLAN

1. In Menu mode, select **Wi-Fi**.
2. Select the circle in the centre to activate a WLAN.

The activated WLAN in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

## Search for and connect to a WLAN

1. In Menu mode, select **Wi-Fi** → **Search**.
2. Select a network icon → **Add** and add a connection profile.

- If the network you want needs an IP address, subnet mask, DNS, or gateway information, select **Advanced settings**.
- Wi-Fi security should be set as the selected network configuration and 802.1x (EAP-TTLS, PEAP) is supported.

3. In Menu mode, select **Internet** or **Communities**, or in Idle mode, select a web-based widget. Your phone connects to the network using the connected WLAN profile.

To access the internet via another method, change the connection profile to the desired method.

## Activate and send an SOS message

In case of an emergency, you can send an SOS message asking for help.

This feature may be unavailable depending on your region or service provider.

1. In Idle mode, select **Messages** → **SOS messages** → **Sending options**.
2. Select **On** to turn on the SOS messaging feature.
3. Select the recipient field to open the recipient list.
4. Select to open your contact list.
5. Select the contacts you want and select **Add**.
6. Select a phone number (if necessary).
7. Select **OK** to save the recipients.

8. Select the **Once** drop-down menu and select the number of times to repeat the SOS message.
9. Select **Save** → **Yes**.

To send an SOS message, the touch screen and keys must be locked. Press the Volume key four times.

Once you send an SOS message, all phone functions will be suspended until you press the Hold key. If you press [ ], phone functions will be available, but the keys will remain locked.

## Activate the mobile tracker

When someone inserts a new SIM or USIM card in your phone, the mobile tracker feature will automatically send the contact number to two recipients to help you locate and recover your phone. To activate the mobile tracker,

1. In Menu mode, select **Settings** → **Security** → **Mobile tracker**.
2. Enter your password and select **Confirm**.
3. Select **On** to turn on the mobile tracker.
4. Select the recipient field to open the recipient list.
5. Enter a phone number.
6. Select **OK** to save the recipients.
7. Select the sender input field.
8. Enter the sender's name.
9. Select **Save** → **Accept**.

## View the phone display on a TV

Learn to view files by connecting your phone to a TV.

1. With the TV on, connect your phone to the TV with a TV out cable.
2. Switch the TV to the appropriate external input mode.
   If you cannot view the phone via the TV, try changing the TV-out settings: In Menu mode, select **Settings** → **Phone settings** → a video encoding system under **TV out**.

Your files may not display correctly, due to differences in video systems or quality of the TV display. The Bluetooth stereo headset and zoom functions will not work in TV-out mode.

## Make fake calls

You can simulate fake incoming calls when you want to get out of meetings or unwanted conversations. You can also make it appear as if you are talking on the phone by playing back a recorded voice.

### Record a voice

1. In Menu mode, select **Settings** → **Application settings** → **Call** → **Fake call** → **Fake call voice**.
2. Select **On** under **Fake call voice**.
3. Select **Voice recording**.
4. Select ● to start recording.
5. Speak into the microphone.
6. When you are finished speaking, select ■.
7. Select ⮌ to set the recording as a response for the fake call.
8. Select **Save**.

## Make a fake call

To make a fake call, press and hold the Volume key down in Idle mode.

To change the delay time before fake calls, in Menu mode, select **Settings** → **Application settings** → **Call** → **Fake call** → **Fake call timer** → an option → **Save**.

# Record and play voice memos

Learn to operate your phone's voice recorder.

## Record a voice memo

1. In Menu mode, select **Voice recorder**.
2. Select ● to start recording.
3. Speak your memo into the microphone.
4. When you are finished speaking, select ■. Your memo is saved automatically.

## Play a voice memo

1. In Menu mode, select **My files** → **Sounds** → **Voice clips**.
2. Select a file.
3. Control the playback using the following icons:

| Icon | Function |
|---|---|
| | Pause playback |
| | Play or resume playback |
| | Scan backward in a file (touch and hold) |
| | Scan forward in a file (touch and hold) |

# Edit images

Learn to edit images and apply fun effects.

## Apply effects to images

1. In Menu mode, select **My files** → **Images** → **My photos** → a photo file.
2. Select .
3. Select **Edit** → **Effects** → an effect option (filter, style, warp, or partial blur).
4. Select a variation of the effect to apply and select **Done**.
   To apply a blur effect to a specific area of an image, draw the rectangle and select **Blur** → **Done**.
5. When you are finished with applying effects, select **Files** → **Save as**.
6. Select a memory location (if necessary).
7. Enter a new file name for the image and select **Done**.

## Adjust an image

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Select **Edit** → **Adjust** → an adjustment option (brightness, contrast, or colour).
   To adjust the image automatically, select **Auto level**.
3. Adjust the image as desired and select **Done**.
4. Save the edited image with a new file name. Refer to steps 5-7 in “Apply effects to images.”

## Transform an image

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Select **Edit** → **Transform** → **Resize**, **Rotate**, or **Flip**.
3. Rotate or flip the image as desired and select **Done**.
   To resize the image, select a size → **Save** → **Done**.
4. Save the edited image with a new file name. Refer to steps 5-7 in “Apply effects to images.”

## Crop an image

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Select **Edit** → **Crop**.
3. Draw the rectangle over the area you want to crop and select **Crop** → **Done**.
4. Save the edited image with a new file name. Refer to steps 5-7 in “Apply effects to images.”

## Insert a visual feature

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Select **Edit** → **Insert** → a visual feature (frame, image, clip art, emoticon, or text).
3. Select a visual feature, or enter text and select **Done**.
4. Move or resize the visual feature or text and select **Done**.
5. Save the edited image with a new file name. Refer to steps 5-7 in “Apply effects to images.”

## Add a memo by handwriting

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”

2. Select **Edit** → **Memo on screen**.
3. Select a colour, write a memo on the screen, and select **Done**.
4. Save the edited image with a new file name. Refer to steps 5-7 in “Apply effects to images.”

## Print images

Learn to print your image with a USB connection or the Bluetooth wireless feature.

To print an image using a USB connection,

1. Connect the multifunction jack on your phone to a compatible printer.
2. Open an image. ▶ p. 38
3. Select **More** → **Print via** → **USB**.
4. Set print options and print the image.

To print an image using the Bluetooth wireless feature,

1. Open an image. ▶ p. 38
2. Select **More** → **Print via** → **Bluetooth**.
3. Select a Bluetooth-enabled printer and pair with the printer. ▶ p. 60
4. Set print options and print the image.

## Edit videos

Learn to edit video files and apply visual effects.

### Trim any segment

1. In Menu mode, select **Video editor**.
2. Select **Files** → **Import image** or **Import video**.

3. Select an image or video category → an image or video and select **Add**.
   For an image, select the duration that the image displays.
4. Select **More** → **Files** to add more images or videos.
5. Select **Edit** → **Trim**.
6. Select ▶ to play the video and select **Start mark** at the point where you want the new video to begin.
7. Select **End mark** at the point where you want the new video to end.
8. Select **Trim**.
9. When you are finished, select **More** → **Export** → **Video** → **Yes**.
   To save the project for future use, select **More** → **Files** → **Save project**. The project will be saved in **Other files**.
10. Enter a new file name and select **Done**.
11. To check the file, select **Yes** (if necessary).

## Split videos

1. Open images and videos to be edited. Refer to steps 1-4 in "Trim any segment."
2. Select **Edit** → **Split**.
3. Select ▶ to play the video and select **Split point** → **Split** to divide the file into two clips.
4. Insert an image or video as desired between the clips.
5. Save the edited video with a new file name. Refer to steps 9-11 in "Trim any segment."

## Insert text

Inserting text to a video may be unavailable depending on your service provider.

1. Open images and videos to be edited. Refer to steps 1-4 in “Trim any segment.”
2. Select **Edit** → **Insert** → **Text**.
3. Select ▶ to play the video and select **Start mark** at the point where you want the text to be displayed.
4. Select **End mark** at the point where you want the text to be disappeared.
5. Select **Insert**.
6. Enter text and select **Done**.
7. Move or resize the text and select **Done**.
   To change the text colour, select **Colour**.
8. Save the edited video with a new file name. Refer to steps 9-11 in “Trim any segment.”

## Add sound track

1. Open images and videos to be edited. Refer to steps 1-4 in “Trim any segment.”
2. Select **Additional audio track** → **Import sound**.
3. Select **Sounds** → a sound category → a sound.
4. Save the edited video with a new file name. Refer to steps 9-11 in “Trim any segment.”

# Upload photos and videos to the web

Learn to post your photos and videos to photo sharing websites and blogs.

**Communities** may be unavailable depending on your region or service provider.

## Set your favourite destination list

1. In Menu mode, select **Communities**.
2. Select **Yes** to set your favorite destination list (if necessary).
3. Select **Accept** to confirm that you agree to the general disclaimer.

   The first time you access **Communities**, you will be prompted to confirm.

4. Select the destinations you want to add and select **Save**.

   If you selected **Update lists**, new destination sites are added to the list automatically.

   To edit the favourite destination list or update the lists, from the **Communities** screen, select **Settings** → **Preferred lists** → **Edit**.

## Upload a file

To upload photos and videos, you must have accounts of photo sharing websites and blogs.

1. In Menu mode, select **Communities**.
2. Select a destination you want to post to.
3. Enter the user ID and password of the destination.
4. Select **Tap to add** and select a media file.
5. Enter the post details and select **Upload to web**.

   You can also upload media files from **Camera** or **My files**, by selecting or **More** → **Upload to web**.

# Use Java-powered games and applications

Learn to use games and applications powered by award-winning Java technology.

The download of java files may not be supported depending on the software of the phone.

## Download games or applications

1. In Menu mode, select **Games and more** → **More games**.
   Your phone connects to the website preset by your service provider.
2. Search for a game or application and download it to the phone.

## Play games

1. In Menu mode, select **Games and more**.
2. Select a game from the list and follow the on-screen instructions.

Available games may vary depending on your region or service provider. Game controls and options may vary.

## Launch applications

1. In Menu mode, select **Games and more** → an application.
2. Select **More** to access a list of various options and settings for your application.

# Synchronise data

Learn to synchronise the contacts, calendar events, tasks, and memos with the web server you have specified. To synchronise the contacts, calendar events, tasks, and emails, specify a Microsoft Exchange server.

## Synchronise data with a web server

To create a synchronisation profile,

1. In Menu mode, select **Synchronise**.
2. Select **Add** and specify profile parameters.
3. When you are finished, select **Save**.

To start synchronisation,

1. In Menu mode, select **Synchronise**.
2. Select a synchronisation profile.
3. Select **Continue** to start synchronisation with the web server you have specified.

## Synchronise data with a Microsoft Exchange server

You may only use the Microsoft® Exchange ActiveSync® feature in this phone with a service that is licensed by Microsoft Corporation to use Microsoft® Exchange ActiveSync®.

To set a Microsoft Exchange server and synchronisation profile,

1. In Menu mode, select **Exchange ActiveSync**.
2. Specify Microsoft Exchange server settings.
3. Select **Save**.
4. Specify an email connection profile by following the email setup wizard.
5. When you are finished, select **Save**.

6. Select a synchronisation profile.
   Synchronisation with the Microsoft Exchange server you have specified starts.

You may incur additional charges for accessing the server.

To synchronise all items,

1. In Menu mode, select **Exchange ActiveSync**.
2. Select **Sync**.

If you synchronise all items, you may incur charges for updating unnecessary items.

To synchronise emails only,

1. In Menu mode, select **Exchange ActiveSync**.
2. Select **Email** → **Inbox** → **Sync** → **Email**.

## Use RSS feeds

Learn to use RSS feeds to get the latest news and information from your favourite websites.

### Add an RSS feed address

1. In Menu mode, select **Internet** → **RSS feeds**.
2. Select **Add**.
3. Select the address input field.
4. Enter the address of an RSS feed and select **Done**.
5. Select **OK**.
6. Select → **Add RSS feed**.

## Update and read RSS feeds

1. In Menu mode, select **Internet** → **RSS feeds**.
2. Select **Update** → a feed → **Update** → **Yes**.
3. Select a feed category → an updated feed.

The auto update feature sets the phone to automatically update the RSS feeds at the specified interval. You can activate the auto update feature by selecting **Internet** → **Settings** → **RSS update**.

## View your current position

Learn to determine the latitude, longitude, and altitude of your current position using the global navigation satellite system. You must be in outdoors for using the satellite.

In Menu mode, select **Settings** → **Phone settings** → **GPS settings** → **GPS position**.

## Update the GPS functionality

Learn to enhance the GPS functionality by downloading GPS data files. You can improve the speed and accuracy of positioning capability.

1. In Menu mode, select **Settings** → **Phone settings** → **GPS settings** → **GPS+ settings** → **Download data**.
2. Select **Yes** to connect to a server and download GPS data files.

## Create and view world clocks

Learn to view the time in another region and set world clocks to appear on your display.

### View a world clock

1. In Menu mode, select **World clock**.
2. Scroll through the world map and select a time zone you want.

### Create a world clock

1. In Menu mode, select **World clock**.
2. Select → **Add**.
3. Select a time zone.
4. To set daylight saving time, select .
5. Select **OK** to create your world clock.
   The world clock is set as the second clock.
6. Select **Add** to add more world clocks (step 3).

### Add a world clock to your display

With the dual clock widget, you can view clocks with two different time zones on your display.

After you have created a world clock,

1. In Menu mode, select **World clock**.
2. Select → **Set as second clock**.
3. Select the world clock you want to add.
4. Select **Set**.

## Set and use alarms

Learn to set and control alarms for important events.

### Set a new alarm

1. In Menu mode, select **Alarms**.
2. Select **Create alarm**.
3. Set alarm details.

4. Select **Save**.

The auto power-up feature sets the phone to automatically turn on and sound the alarm at the designated time if the phone is turned off.

### Stop an alarm

When the alarm sounds,

- Drag the slider to **Stop** to stop the alarm without snooze.
- Drag the slider to **Stop** to stop the alarm with snooze or drag the slider to **Snooze** to silence the alarm for the snooze period.

### Deactivate an alarm

1. In Menu mode, select **Alarms**.
2. Select **Off** next to the alarm you want to deactivate.

## Use the calculator

1. In Menu mode, select **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

## Convert currencies or measurements

1. In Menu mode, select **Convertor** → a conversion type.
2. Enter the currencies or measurements and units in the appropriate fields.

## Set a countdown timer

1. In Menu mode, select **Timer**.
2. Set the length of time to count down.
3. Select **Start** to begin the countdown.
4. When the timer expires, drag the slider to **Stop** to stop the alert.

## Use the stopwatch

1. In Menu mode, select **Stopwatch**.
2. Select **Start** to begin the stopwatch.
3. Select **Lap** to record lap times.
4. When you are finished, select **Stop**.
5. Select **Reset** to clear recorded times.

## Create new tasks

1. In Menu mode, select **Task**.
2. Select **Create task**.
3. Enter the details of the task and select **Save**.

## Create text memos

1. In Menu mode, select **Memo**.
2. Select **Create memo**.
3. Enter your memo text and select **Done**.

## Create sketches

Learn to create sketches with various sketch tools.

## Create a new sketch

1. In Menu mode, select **Dynamic canvas**.
2. From the sketch toolbar, select to change the tool type. You have the following tools:

| Tool | Function |
|---|---|
| | Add a line; You can select the line type, line thickness, and colour |
| | Add a circle or rectangle; You can select the line thickness, line colour, and colour to fill the figure |
| | Enter text to insert; You can change the font size, attribute, and text colour |
| | Insert a stamp or an image stamp |

3. Using the tools, make a sketch.
4. To delete text, stamps, or image stamps that you added, select an item → **More** → **Delete**.
5. When you are finished, select **File** → **Save as Image**.
6. Enter a new file name and select **Done**.

## Add motion to a sketch

1. Make a sketch with stamps or image stamps.
2. To use the preset motion type, select **More** → **Motion** → **Preset** → a stamp or an image stamp → a motion type → **OK**.
   To use a new motion type, select **More** → **Motion** → **Motion line** → a stamp or an image stamp. Draw a line to track and select **Preview** to preview the motion. Select **OK**.
3. When you are finished, select **File** → **Save as Flash**.
4. Enter a new file name and select **Done**.

# Manage your calendar

Learn to change the calendar view and create events.

## Change the calendar view

1. In Menu mode, select **Calendar**.
2. Select **More** → **View by day** or **View by week**.

## Create events

1. In Menu mode, select **Calendar**.
2. Select **Create** → an event type.
3. Enter the details of the event as required.
4. Select **Save**.

## View events

To view events of a specific date,

1. In Menu mode, select **Calendar**.
2. Select a date on the calendar.
3. Select an event to view its details.

To view events by event types,

1. In Menu mode, select **Calendar**.
2. Select **Event list** → an event type.
3. Select an event to view its details.

# troubleshooting

If you are having trouble with your mobile phone, try these troubleshooting procedures before contacting a service professional.

### While using your phone, the following messages may appear:

| Message | Try this to solve the problem: |
|---|---|
| Insert SIM card to access network services | Ensure that the SIM or USIM card is installed correctly. |
| Phone lock | When the phone lock feature is enabled, you must enter the password you set for the phone. |
| PIN code | When using the phone for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the **PIN lock** menu. |
| PIN2 lock | When you access a menu requiring the PIN2, you must enter the PIN2 supplied by the SIM or USIM card. For details, contact your service provider. |

| Message | Try this to solve the problem: |
| --- | --- |
| PUK code | Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider. |

### Your phone displays “Service unavailable” or “Network error.”

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

### You enter a number, but the call is not dialled.

- Ensure that you have pressed the Dial key: [⌐].
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

### Another caller cannot reach you.

- Ensure that your phone is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

### Another caller cannot hear you speaking.

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

### The phone beeps and the battery icon flashes.

Your battery is low. Recharge or replace the battery to continue using the phone.

### The audio quality of the call is poor.

- Ensure that you are not blocking the phone's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

### You select a contact to call, but the call is not dialled.

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.

### The battery does not charge properly or sometimes the phone turns itself off.

- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery.

### Your phone is hot to the touch.

When you use several applications at once, your phone requires more power and may heat up.

This is normal and should not affect your phone's lifespan or performance.